

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: STREETWORKS

Report Number: P722460

Luminaire Tested: **IFLD-S-SA3D-735-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722460
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3D-735-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (48) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	23505.6 lumens	Max Intensity:	16409.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	127.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	14995.5 lumens	Field Lumens:	22160.5 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

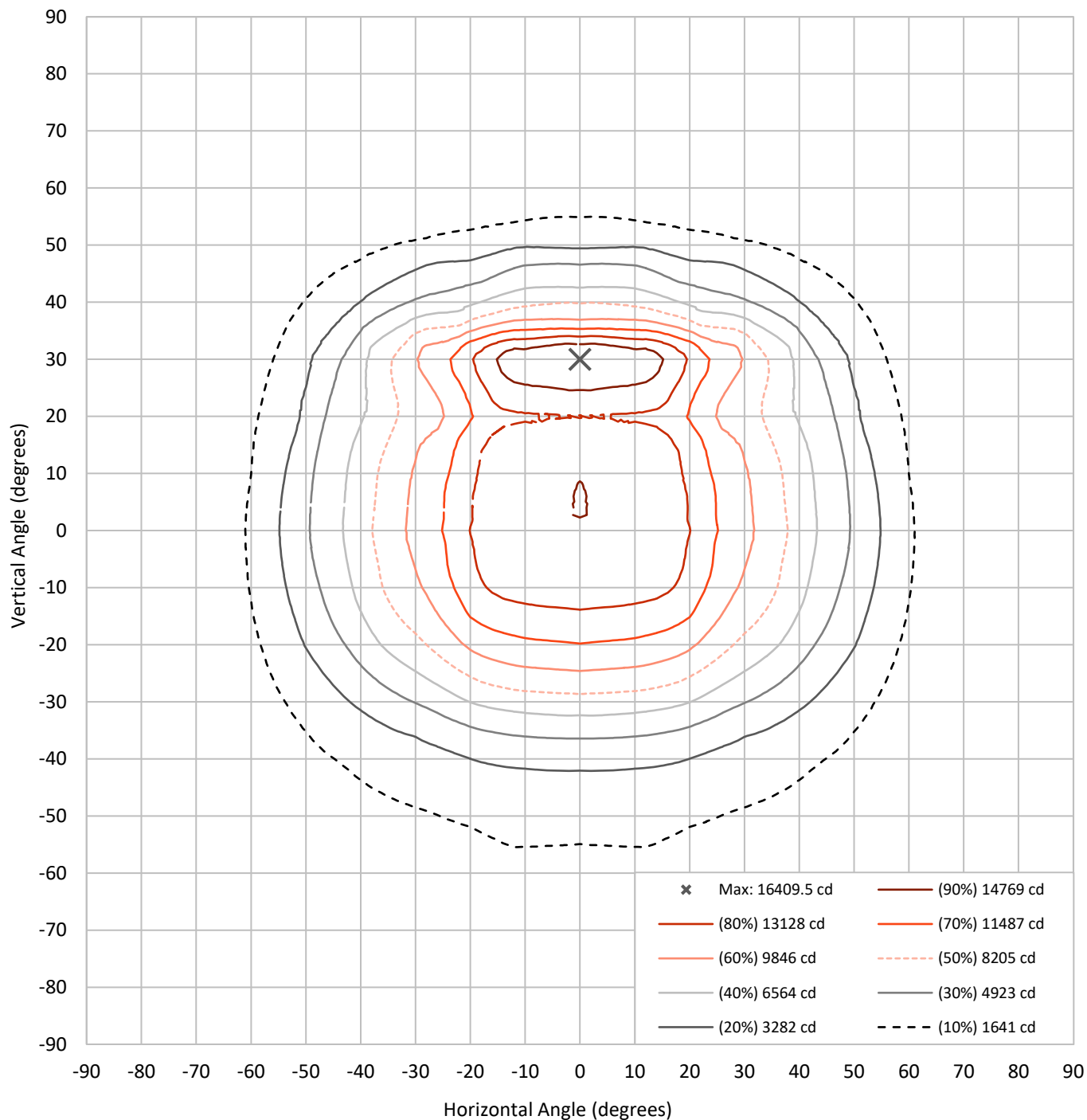
Input Watts (W): 184.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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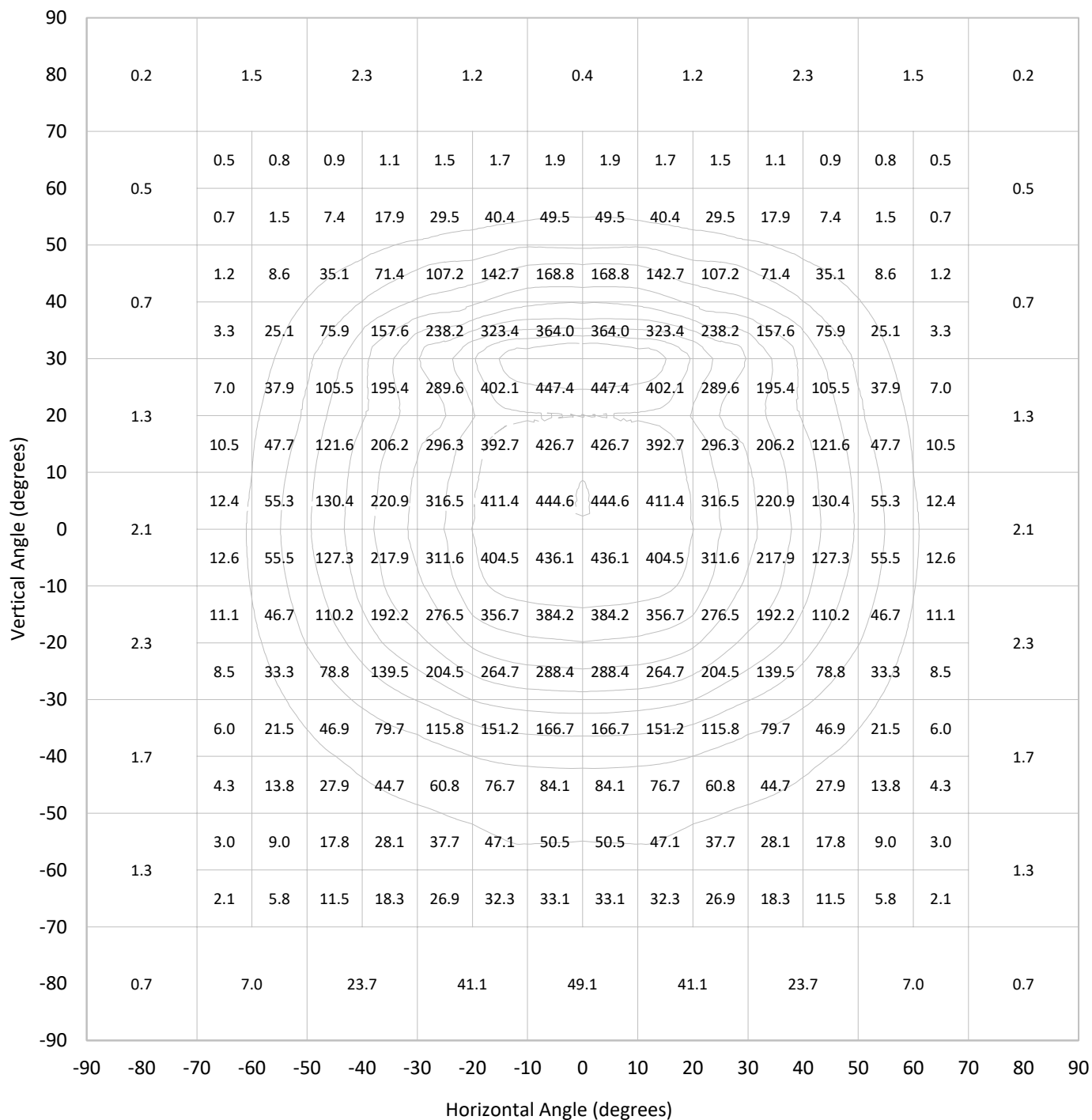
Iso-Candela Plot



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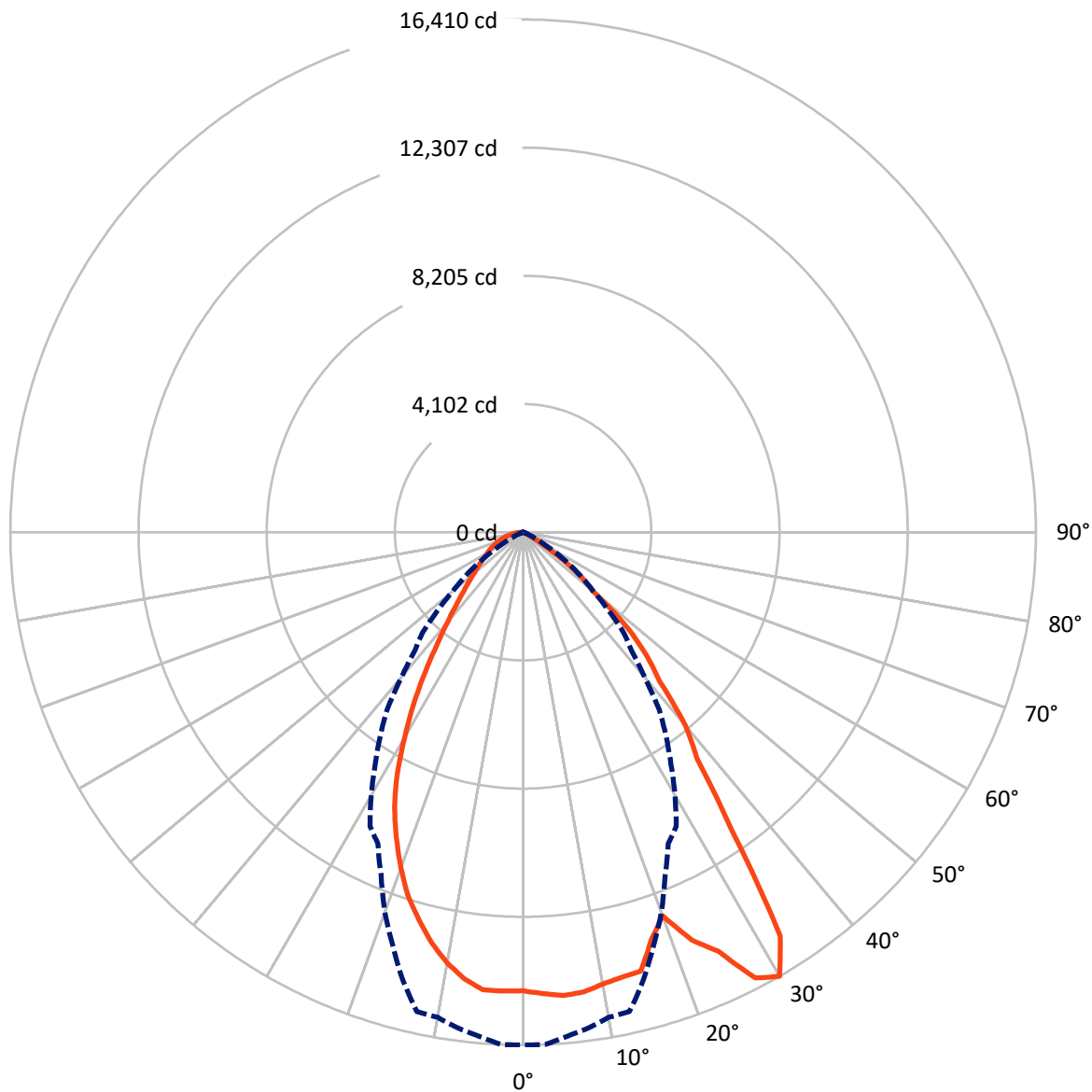
Lumen Table



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Luminous Intensity Polar Plot



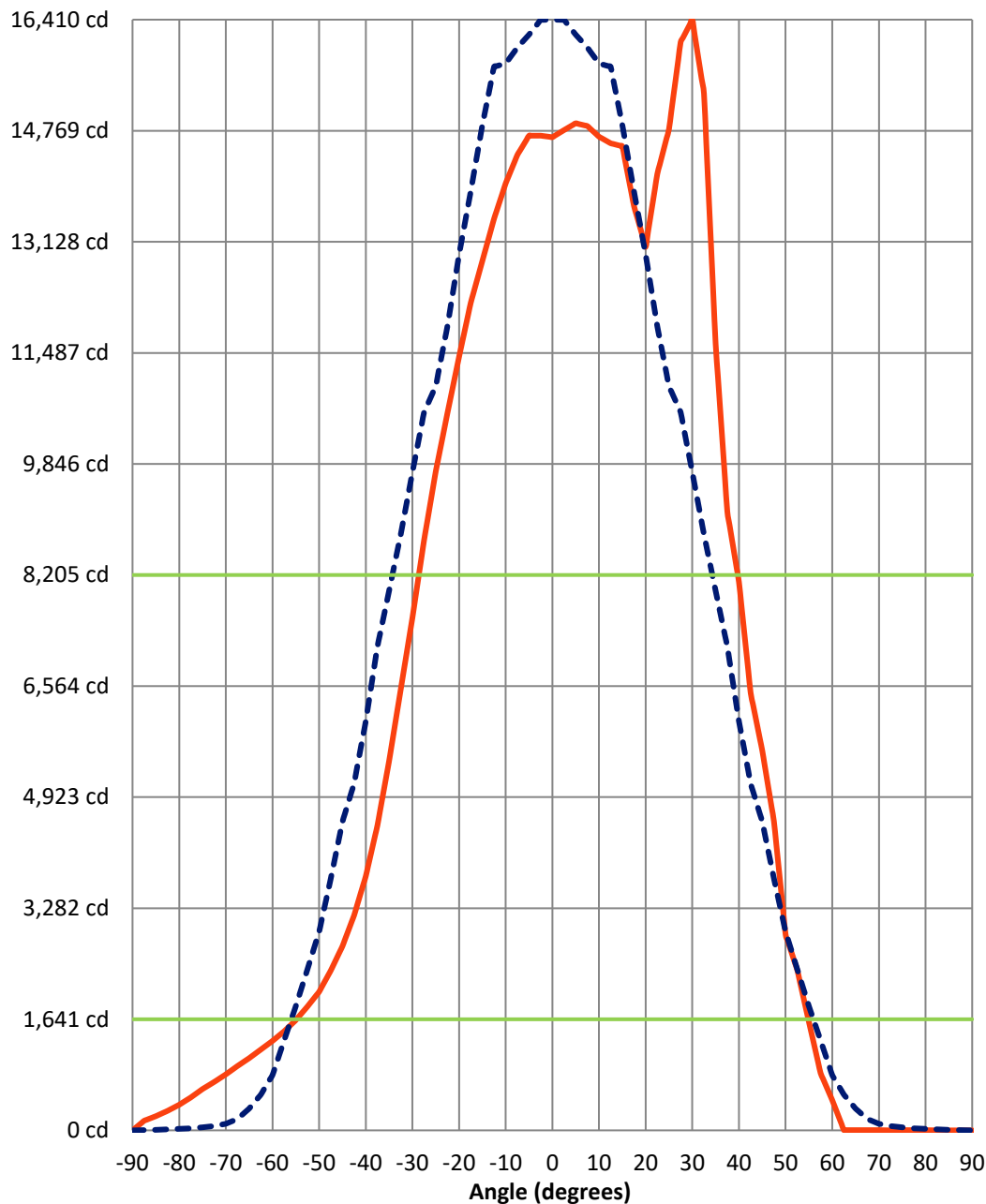
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 14995.5

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 22160.5

Efficiency: 94.3%

Spill:

Lumens: 1345.1

Efficiency: 5.7%

— Vertical Distribution through 0-Deg

- - - Horizontal Distribution through 30-Deg

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FIELD
BEAM

CANDELA DISTRIBUTION:

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	3.7	3.7	3.7	3.7	3.7	3.7	3.7
85°	0.0	3.7	3.7	3.7	7.5	7.5	7.5	7.5	7.5	7.5	11.2
82.5°	0.0	3.7	3.7	3.7	7.5	7.5	7.5	7.5	11.2	11.2	15.0
80°	3.7	3.7	3.7	3.7	7.5	7.5	7.5	11.2	11.2	15.0	15.0
77.5°	3.7	3.7	3.7	7.5	7.5	7.5	11.2	11.2	15.0	15.0	18.7
75°	3.7	3.7	3.7	7.5	7.5	11.2	11.2	11.2	15.0	15.0	18.7
72.5°	0.0	3.7	3.7	7.5	7.5	11.2	11.2	11.2	15.0	15.0	15.0
70°	3.7	3.7	3.7	7.5	7.5	11.2	11.2	11.2	15.0	15.0	15.0
67.5°	3.7	3.7	3.7	7.5	7.5	11.2	11.2	15.0	15.0	15.0	18.7
65°	3.7	3.7	3.7	7.5	11.2	11.2	15.0	18.7	18.7	22.5	26.2
62.5°	3.7	7.5	7.5	11.2	15.0	18.7	41.2	63.6	63.6	44.9	37.4
60°	445.3	482.7	479.0	434.1	378.0	318.1	306.9	295.6	273.2	239.5	250.7
57.5°	845.7	890.6	909.4	898.1	868.2	815.8	785.9	752.2	707.3	654.9	595.0
55°	1601.7	1620.4	1579.2	1500.6	1414.5	1328.5	1298.5	1253.6	1186.3	1118.9	1029.1
52.5°	2368.8	2432.4	2413.7	2335.1	2219.1	2065.7	1897.3	1766.3	1687.7	1612.9	1523.1
50°	2892.7	2918.9	2971.3	3064.9	3098.5	2993.8	2720.6	2368.8	2118.1	2245.3	2148.0
47.5°	4565.5	4696.5	4670.3	4602.9	4490.6	4206.2	3824.5	3510.2	3248.2	3162.2	3177.1
45°	5609.5	5661.9	5643.2	5613.3	5560.9	5295.2	4872.3	4389.6	4146.4	4049.1	3948.0
42.5°	6466.5	6522.6	6533.9	6537.6	6481.5	6238.2	5856.5	5373.8	5130.5	4849.9	4629.1
40°	8101.9	8184.2	8090.6	7967.1	7780.0	7503.1	7128.9	6683.6	6253.2	5908.9	5647.0
37.5°	9145.9	9247.0	9284.4	9276.9	9235.7	9116.0	8655.7	8232.8	7574.2	6803.3	6941.8
35°	11623.3	11728.0	11698.1	11585.8	11526.0	11398.7	10949.7	10448.2	9621.2	8782.9	8558.4
32.5°	15316.8	15545.1	15118.5	14650.7	14362.5	14463.6	14007.0	12779.6	12397.9	10886.0	10186.3
30°	16409.5	16405.8	16188.7	15997.9	15762.1	15713.5	14852.8	13872.3	12936.8	11877.7	10994.6
27.5°	16076.5	16009.1	15825.7	15687.3	15466.5	15350.5	14508.5	13730.1	12648.6	11701.8	10848.6
25°	14792.9	14845.3	14658.2	14632.0	14545.9	14321.4	13902.3	13026.6	12061.1	11013.3	10399.6
22.5°	14130.5	14111.8	13887.3	13756.3	13861.1	13621.6	13453.2	12570.0	11563.4	10680.2	9943.0
20°	13052.8	13056.5	13000.4	12989.2	12925.5	12817.0	12682.3	12057.3	11346.3	10590.4	9703.5
17.5°	13655.3	13808.7	13876.1	13318.5	13475.6	13352.1	13209.9	12338.0	11802.9	11133.0	9976.7
15°	14538.4	14482.3	14414.9	14385.0	14298.9	14182.9	13924.7	13228.7	12308.1	11615.8	10713.9
12.5°	14583.3	14474.8	14448.6	14444.9	14355.1	14194.1	13943.4	13367.1	12551.3	11709.3	10975.9
10°	14680.6	14568.4	14553.4	14572.1	14433.6	14332.6	14081.9	13546.7	12626.2	11870.2	11177.9
7.5°	14837.8	14650.7	14736.8	14680.6	14617.0	14456.1	14186.7	13662.8	12899.3	12083.5	11357.6
5°	14879.0	14673.1	14766.7	14714.3	14620.8	14463.6	14171.7	13737.6	13067.7	12169.6	11428.7
2.5°	14777.9	14718.0	14676.9	14579.6	14538.4	14366.3	14089.4	13625.3	12989.2	12132.2	11413.7
0°	14673.1	14725.5	14632.0	14534.7	14516.0	14377.5	14141.8	13722.6	13172.5	12237.0	11540.9
-2.5°	14695.6	14654.4	14590.8	14489.8	14392.5	14194.1	13980.8	13587.9	12996.6	12008.7	11361.3
-5°	14695.6	14504.7	14512.2	14516.0	14418.7	14212.9	13954.6	13621.6	12891.9	12005.0	11308.9
-7.5°	14411.2	14246.5	14220.3	14197.9	14171.7	13980.8	13778.8	13363.4	12716.0	11907.7	11163.0
-10°	13992.1	13831.1	13846.1	13812.4	13730.1	13602.9	13449.4	13075.2	12543.8	11600.8	10867.3
-12.5°	13468.2	13397.1	13355.9	13299.8	13217.4	13105.2	12948.0	12596.2	12027.4	11222.8	10526.8
-15°	12847.0	12794.6	12757.1	12723.5	12603.7	12487.7	12281.9	11956.3	11600.8	10736.4	10025.3
-17.5°	12225.7	12094.8	12042.4	11997.5	11918.9	11731.8	11544.7	11301.4	10803.7	10118.9	9508.9
-20°	11428.7	11350.1	11286.5	11226.6	11114.3	10968.4	10814.9	10534.3	10103.9	9550.1	8917.6

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CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	10594.2	10549.2	10496.9	10422.0	10347.2	10208.7	9995.4	9726.0	9389.2	8790.4	8199.1
-25°	9733.4	9647.4	9583.8	9512.7	9452.8	9325.5	9119.7	8861.5	8438.6	7922.2	7428.3
-27.5°	8719.3	8637.0	8603.3	8521.0	8468.6	8352.6	8146.8	7907.3	7525.6	7091.5	6590.0
-30°	7574.2	7589.2	7551.7	7473.2	7409.5	7259.9	7102.7	6900.6	6601.2	6185.8	5736.8
-32.5°	6515.2	6533.9	6489.0	6406.6	6324.3	6215.8	6069.8	5886.5	5661.9	5265.3	4876.1
-35°	5456.1	5448.6	5411.2	5362.6	5306.4	5216.6	5052.0	4913.5	4655.3	4378.4	4108.9
-37.5°	4505.6	4524.3	4513.1	4486.9	4423.3	4348.4	4213.7	4086.5	3895.6	3652.4	3442.8
-40°	3753.4	3775.9	3760.9	3734.7	3678.6	3633.7	3543.9	3431.6	3278.2	3068.6	2892.7
-42.5°	3177.1	3192.1	3173.4	3150.9	3102.3	3068.6	2997.5	2903.9	2776.7	2615.8	2458.6
-45°	2720.6	2724.3	2705.6	2690.6	2653.2	2612.1	2552.2	2477.3	2376.3	2264.0	2136.8
-47.5°	2361.3	2357.6	2338.9	2323.9	2294.0	2256.5	2207.9	2140.5	2061.9	1975.9	1874.8
-50°	2047.0	2065.7	2058.2	2043.2	2020.8	1994.6	1945.9	1874.8	1796.3	1732.6	1661.5
-52.5°	1829.9	1833.7	1829.9	1829.9	1826.2	1807.5	1751.3	1680.2	1594.2	1538.0	1478.2
-55°	1627.9	1646.6	1654.0	1661.5	1665.3	1665.3	1597.9	1523.1	1440.7	1384.6	1339.7
-57.5°	1463.2	1474.4	1481.9	1500.6	1515.6	1526.8	1466.9	1399.6	1336.0	1283.6	1242.4
-60°	1321.0	1336.0	1347.2	1365.9	1377.1	1384.6	1347.2	1302.3	1264.9	1231.2	1171.3
-62.5°	1193.8	1205.0	1216.2	1227.4	1238.7	1246.2	1231.2	1208.7	1190.0	1175.0	1100.2
-65°	1066.5	1077.8	1089.0	1103.9	1115.2	1122.7	1118.9	1103.9	1089.0	1074.0	1006.7
-67.5°	950.5	961.7	976.7	980.5	987.9	991.7	984.2	973.0	954.3	935.5	883.2
-70°	827.0	834.5	842.0	842.0	842.0	838.3	830.8	815.8	797.1	770.9	729.7
-72.5°	714.8	722.2	729.7	718.5	711.0	699.8	688.6	669.9	651.1	632.4	610.0
-75°	610.0	613.7	613.7	598.8	587.5	576.3	561.3	550.1	531.4	516.4	497.7
-77.5°	486.5	486.5	486.5	475.3	467.8	460.3	449.1	437.8	422.9	411.6	396.7
-80°	378.0	378.0	378.0	374.2	363.0	355.5	348.0	340.5	329.3	321.8	314.3
-82.5°	288.1	288.1	288.1	284.4	276.9	273.2	265.7	258.2	254.5	247.0	243.2
-85°	209.6	213.3	213.3	209.6	205.8	198.3	194.6	190.9	187.1	183.4	175.9
-87.5°	142.2	142.2	142.2	138.5	134.7	134.7	131.0	123.5	116.0	112.3	108.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
85°	11.2	11.2	11.2	15.0	15.0	15.0	15.0	15.0	15.0	15.0	11.2
82.5°	18.7	18.7	22.5	22.5	26.2	26.2	26.2	26.2	26.2	26.2	26.2
80°	18.7	22.5	26.2	29.9	33.7	37.4	37.4	37.4	37.4	33.7	33.7
77.5°	22.5	22.5	26.2	29.9	33.7	37.4	41.2	44.9	41.2	41.2	41.2
75°	22.5	26.2	26.2	29.9	33.7	37.4	41.2	44.9	44.9	44.9	44.9
72.5°	18.7	22.5	26.2	29.9	29.9	33.7	37.4	37.4	41.2	41.2	44.9
70°	18.7	22.5	26.2	26.2	29.9	29.9	33.7	37.4	37.4	41.2	41.2
67.5°	22.5	26.2	26.2	29.9	33.7	33.7	33.7	37.4	37.4	41.2	41.2
65°	26.2	29.9	29.9	33.7	37.4	37.4	41.2	41.2	41.2	44.9	44.9
62.5°	44.9	44.9	44.9	41.2	44.9	44.9	44.9	48.6	48.6	44.9	48.6
60°	232.0	168.4	116.0	145.9	131.0	59.9	59.9	59.9	56.1	56.1	52.4
57.5°	546.4	508.9	437.8	370.5	333.1	295.6	183.4	74.8	74.8	67.4	59.9
55°	913.1	789.6	737.2	647.4	550.1	505.2	419.1	284.4	134.7	89.8	78.6
52.5°	1414.5	1298.5	1163.8	980.5	849.5	744.7	673.6	535.1	359.3	190.9	119.8
50°	1893.6	1841.2	1758.8	1579.2	1306.0	1130.1	1014.1	857.0	643.7	392.9	224.5
47.5°	3049.9	2612.1	2346.4	2207.9	1979.6	1646.6	1422.0	1246.2	987.9	662.4	396.7
45°	3839.5	3562.6	3139.7	2847.8	2511.0	2159.2	1867.4	1665.3	1358.4	991.7	621.2
42.5°	4516.8	4277.3	3895.6	3469.0	3113.5	2653.2	2279.0	2013.3	1755.1	1354.7	928.1
40°	5388.8	5104.4	4737.6	4322.2	3906.9	3319.3	2713.1	2391.3	2106.9	1751.3	1253.6
37.5°	6825.8	6324.3	5725.6	5265.3	4722.6	4224.9	3394.2	2825.4	2488.6	2118.1	1635.3
35°	8554.7	8004.6	7005.4	6395.4	5669.4	4928.5	4180.0	3338.0	2859.0	2466.1	1987.1
32.5°	10163.8	9359.2	8079.4	7364.6	6881.9	5516.0	4741.4	4011.6	3240.7	2758.0	2189.2
30°	10609.1	9722.2	8805.4	7970.9	7147.6	6043.6	5126.8	4558.0	3719.7	2933.9	2380.0
27.5°	10160.1	9550.1	8839.1	8064.4	7173.8	6227.0	5362.6	4819.9	4071.5	3053.6	2529.7
25°	9703.5	9067.3	8569.6	7922.2	7098.9	6215.8	5370.0	4984.6	4344.7	3285.6	2612.1
22.5°	9220.8	8824.1	8412.5	7690.2	6911.8	6249.5	5613.3	5126.8	4486.9	3547.6	2645.7
20°	9247.0	8988.8	8535.9	7570.5	6878.2	6447.8	5905.2	5306.4	4640.3	3775.9	2671.9
17.5°	9666.1	9329.3	8760.5	7922.2	7181.3	6649.9	6148.4	5553.4	4797.5	3978.0	2990.0
15°	10182.5	9669.8	9074.8	8337.6	7499.4	6870.7	6335.5	5725.6	4977.1	4165.1	3274.4
12.5°	10556.7	9827.0	9269.4	8603.3	7843.6	7110.2	6459.0	5856.5	5145.5	4318.5	3487.7
10°	10684.0	10021.6	9363.0	8768.0	8019.5	7237.4	6552.6	5938.9	5291.5	4438.2	3644.9
7.5°	10751.3	10190.0	9426.6	8842.8	8124.3	7316.0	6627.4	5983.8	5407.5	4520.6	3745.9
5°	10743.8	10279.8	9475.2	8865.3	8180.4	7349.7	6679.8	5995.0	5489.8	4591.7	3805.8
2.5°	10710.2	10339.7	9553.8	8902.7	8292.7	7413.3	6780.9	6017.4	5519.7	4670.3	3847.0
0°	10833.7	10343.4	9636.1	8913.9	8367.5	7435.7	6825.8	5998.7	5478.6	4692.7	3843.2
-2.5°	10568.0	10122.6	9617.4	8816.6	8266.5	7383.3	6743.4	5938.9	5388.8	4666.5	3828.3
-5°	10523.0	9961.7	9460.3	8726.8	8098.1	7274.8	6590.0	5826.6	5246.6	4580.4	3768.4
-7.5°	10403.3	9808.3	9306.8	8655.7	7940.9	7162.6	6444.1	5710.6	5093.1	4445.7	3682.3
-10°	10141.3	9572.5	9142.2	8502.3	7750.1	7001.6	6268.2	5557.2	4913.5	4262.4	3547.6
-12.5°	9767.1	9198.3	8771.7	8176.7	7510.6	6784.6	6058.6	5358.8	4707.7	4067.8	3386.7
-15°	9344.3	8768.0	8341.4	7798.7	7155.1	6447.8	5792.9	5108.1	4471.9	3861.9	3195.8
-17.5°	8865.3	8318.9	7907.3	7379.6	6739.7	6066.1	5415.0	4793.8	4198.7	3648.6	2975.0
-20°	8311.4	7780.0	7402.1	6874.4	6286.9	5632.0	4999.6	4412.0	3876.9	3360.5	2731.8

REPORT NUMBER: P722460

CATALOG NUMBER: IFLD-S-SA3D-735-U-76-VI

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	7626.6	7158.8	6728.5	6256.9	5744.3	5145.5	4558.0	4037.8	3525.1	3020.0	2481.1
-25°	6926.8	6474.0	6054.9	5624.5	5134.3	4617.9	4116.4	3644.9	3143.4	2686.9	2237.8
-27.5°	6148.4	5744.3	5370.0	4973.4	4524.3	4079.0	3667.4	3207.1	2773.0	2383.8	1998.3
-30°	5317.7	4988.3	4662.8	4311.0	3948.0	3573.8	3207.1	2773.0	2432.4	2121.8	1796.3
-32.5°	4520.6	4224.9	3963.0	3701.0	3386.7	3079.8	2754.3	2432.4	2148.0	1874.8	1601.7
-35°	3820.8	3506.4	3360.5	3150.9	2900.2	2623.3	2357.6	2133.1	1904.8	1657.8	1414.5
-37.5°	3214.5	3012.5	2840.3	2683.2	2484.8	2245.3	2054.5	1871.1	1680.2	1455.7	1246.2
-40°	2739.3	2593.3	2421.2	2305.2	2144.3	1972.1	1781.3	1627.9	1466.9	1283.6	1111.4
-42.5°	2357.6	2237.8	2125.6	2002.1	1882.3	1736.4	1571.7	1425.8	1279.8	1145.1	1002.9
-45°	2043.2	1957.2	1867.4	1766.3	1661.5	1534.3	1399.6	1249.9	1145.1	1025.4	905.6
-47.5°	1785.0	1721.4	1646.6	1568.0	1478.2	1365.9	1242.4	1133.9	1025.4	924.3	808.3
-50°	1579.2	1519.3	1459.5	1392.1	1313.5	1216.2	1122.7	1021.6	920.6	823.3	714.8
-52.5°	1407.1	1354.7	1306.0	1249.9	1175.0	1092.7	1006.7	916.8	823.3	726.0	639.9
-55°	1287.3	1227.4	1178.8	1122.7	1055.3	976.7	898.1	815.8	726.0	651.1	580.0
-57.5°	1190.0	1122.7	1066.5	1006.7	939.3	871.9	800.8	726.0	658.6	587.5	520.2
-60°	1107.7	1029.1	965.5	905.6	842.0	778.4	718.5	654.9	591.3	527.6	460.3
-62.5°	1021.6	939.3	860.7	804.6	755.9	699.8	647.4	587.5	531.4	467.8	419.1
-65°	924.3	845.7	770.9	722.2	677.3	628.7	580.0	527.6	479.0	430.4	385.4
-67.5°	815.8	748.4	696.0	651.1	606.2	565.1	520.2	475.3	434.1	385.4	340.5
-70°	684.8	647.4	617.5	583.8	542.6	505.2	464.0	422.9	378.0	336.8	295.6
-72.5°	583.8	561.3	538.9	505.2	467.8	434.1	400.4	363.0	325.6	288.1	254.5
-75°	479.0	460.3	441.6	419.1	389.2	363.0	333.1	299.4	269.4	243.2	217.0
-77.5°	385.4	370.5	359.3	340.5	318.1	295.6	276.9	254.5	232.0	205.8	179.6
-80°	306.9	299.4	295.6	288.1	269.4	250.7	235.8	217.0	194.6	175.9	157.2
-82.5°	239.5	239.5	235.8	232.0	217.0	202.1	190.9	175.9	160.9	145.9	127.2
-85°	175.9	172.1	172.1	168.4	157.2	149.7	138.5	131.0	119.8	104.8	97.3
-87.5°	104.8	101.0	97.3	93.6	86.1	82.3	74.8	71.1	63.6	56.1	52.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: IFLD-S-SA3D-735-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	0.0	0.0
85°	11.2	7.5	7.5	7.5	7.5	7.5	3.7	3.7	3.7	3.7	3.7
82.5°	22.5	22.5	18.7	18.7	15.0	11.2	7.5	7.5	7.5	3.7	3.7
80°	33.7	33.7	33.7	29.9	26.2	18.7	15.0	11.2	7.5	3.7	3.7
77.5°	41.2	37.4	37.4	33.7	33.7	29.9	22.5	18.7	11.2	7.5	3.7
75°	41.2	41.2	41.2	37.4	37.4	33.7	29.9	22.5	18.7	11.2	7.5
72.5°	44.9	41.2	41.2	41.2	37.4	33.7	29.9	26.2	22.5	15.0	7.5
70°	41.2	41.2	41.2	41.2	37.4	37.4	29.9	26.2	26.2	15.0	11.2
67.5°	41.2	41.2	41.2	37.4	37.4	33.7	29.9	26.2	26.2	18.7	11.2
65°	44.9	41.2	41.2	41.2	37.4	33.7	29.9	26.2	26.2	22.5	15.0
62.5°	48.6	44.9	44.9	41.2	37.4	33.7	29.9	26.2	26.2	22.5	15.0
60°	52.4	48.6	44.9	44.9	41.2	37.4	29.9	29.9	26.2	22.5	15.0
57.5°	56.1	52.4	52.4	48.6	44.9	41.2	33.7	29.9	26.2	22.5	18.7
55°	67.4	59.9	56.1	56.1	52.4	44.9	37.4	29.9	26.2	22.5	18.7
52.5°	89.8	71.1	63.6	63.6	59.9	52.4	41.2	33.7	26.2	22.5	18.7
50°	142.2	89.8	74.8	67.4	67.4	59.9	48.6	37.4	26.2	22.5	18.7
47.5°	224.5	149.7	89.8	78.6	74.8	71.1	56.1	37.4	29.9	22.5	18.7
45°	370.5	220.8	145.9	93.6	78.6	74.8	63.6	41.2	29.9	26.2	18.7
42.5°	508.9	344.3	224.5	112.3	93.6	82.3	67.4	44.9	33.7	26.2	18.7
40°	800.8	471.5	314.3	183.4	108.5	86.1	74.8	52.4	33.7	26.2	18.7
37.5°	1085.2	624.9	422.9	269.4	123.5	97.3	78.6	56.1	37.4	26.2	22.5
35°	1369.6	875.7	523.9	359.3	164.7	116.0	82.3	59.9	37.4	26.2	22.5
32.5°	1624.1	1111.4	628.7	449.1	247.0	138.5	89.8	63.6	41.2	29.9	22.5
30°	1833.7	1328.5	815.8	527.6	321.8	168.4	97.3	63.6	44.9	29.9	22.5
27.5°	1990.8	1496.9	1006.7	610.0	385.4	198.3	112.3	71.1	44.9	29.9	22.5
25°	2118.1	1627.9	1175.0	696.0	441.6	247.0	134.7	74.8	48.6	33.7	22.5
22.5°	2219.1	1736.4	1313.5	812.1	508.9	295.6	164.7	82.3	48.6	33.7	22.5
20°	2357.6	1844.9	1407.1	935.5	580.0	340.5	190.9	89.8	48.6	33.7	26.2
17.5°	2477.3	1953.4	1481.9	1040.3	651.1	374.2	220.8	97.3	52.4	33.7	26.2
15°	2615.8	2058.2	1549.3	1122.7	718.5	404.2	247.0	104.8	52.4	37.4	26.2
12.5°	2765.5	2155.5	1597.9	1190.0	789.6	430.4	269.4	119.8	56.1	37.4	26.2
10°	2918.9	2237.8	1639.1	1238.7	842.0	456.5	284.4	134.7	59.9	37.4	26.2
7.5°	3072.3	2312.7	1691.5	1261.1	864.4	486.5	291.9	149.7	59.9	41.2	26.2
5°	3177.1	2361.3	1766.3	1276.1	875.7	520.2	303.1	168.4	63.6	41.2	26.2
2.5°	3266.9	2391.3	1844.9	1287.3	879.4	538.9	299.4	179.6	67.4	41.2	26.2
0°	3308.1	2391.3	1897.3	1279.8	868.2	557.6	299.4	190.9	67.4	41.2	26.2
-2.5°	3244.5	2458.6	1882.3	1283.6	871.9	557.6	314.3	194.6	74.8	44.9	26.2
-5°	3143.4	2484.8	1837.4	1264.9	864.4	557.6	333.1	198.3	78.6	44.9	29.9
-7.5°	3046.1	2496.0	1785.0	1246.2	853.2	542.6	336.8	194.6	86.1	48.6	29.9
-10°	2918.9	2372.6	1717.7	1212.5	830.8	531.4	344.3	194.6	89.8	48.6	29.9
-12.5°	2773.0	2222.9	1635.3	1163.8	804.6	520.2	348.0	194.6	93.6	52.4	29.9
-15°	2604.6	2069.4	1541.8	1111.4	767.1	505.2	340.5	190.9	97.3	52.4	33.7
-17.5°	2413.7	1919.7	1444.5	1047.8	726.0	486.5	325.6	187.1	97.3	52.4	33.7
-20°	2196.7	1770.1	1336.0	984.2	677.3	464.0	310.6	179.6	97.3	52.4	33.7

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CATALOG NUMBER: IFLD-S-SA3D-735-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2002.1	1631.6	1223.7	913.1	624.9	437.8	291.9	172.1	97.3	56.1	33.7
-25°	1841.2	1496.9	1137.6	842.0	568.8	407.9	273.2	164.7	97.3	56.1	33.7
-27.5°	1672.8	1350.9	1047.8	774.6	531.4	381.7	254.5	157.2	93.6	56.1	33.7
-30°	1500.6	1208.7	954.3	699.8	494.0	355.5	239.5	145.9	93.6	56.1	33.7
-32.5°	1343.4	1092.7	868.2	624.9	452.8	329.3	224.5	142.2	89.8	56.1	33.7
-35°	1190.0	987.9	778.4	565.1	407.9	303.1	209.6	138.5	89.8	56.1	33.7
-37.5°	1062.8	890.6	696.0	523.9	381.7	280.7	194.6	131.0	86.1	56.1	33.7
-40°	958.0	800.8	617.5	479.0	359.3	258.2	179.6	127.2	86.1	56.1	33.7
-42.5°	860.7	714.8	568.8	441.6	336.8	243.2	168.4	123.5	82.3	56.1	33.7
-45°	774.6	639.9	520.2	407.9	310.6	224.5	160.9	116.0	78.6	56.1	37.4
-47.5°	688.6	587.5	475.3	378.0	284.4	202.1	153.4	112.3	74.8	52.4	37.4
-50°	621.2	531.4	437.8	344.3	258.2	194.6	145.9	104.8	74.8	52.4	37.4
-52.5°	561.3	479.0	396.7	310.6	235.8	183.4	138.5	97.3	71.1	52.4	37.4
-55°	505.2	430.4	355.5	276.9	220.8	172.1	127.2	89.8	71.1	52.4	37.4
-57.5°	449.1	385.4	314.3	250.7	202.1	160.9	119.8	89.8	71.1	52.4	37.4
-60°	404.2	344.3	284.4	232.0	187.1	145.9	108.5	86.1	67.4	52.4	37.4
-62.5°	366.7	310.6	258.2	209.6	172.1	131.0	104.8	86.1	67.4	52.4	33.7
-65°	329.3	280.7	232.0	190.9	153.4	123.5	101.0	82.3	67.4	52.4	33.7
-67.5°	291.9	247.0	209.6	168.4	142.2	119.8	97.3	82.3	63.6	48.6	33.7
-70°	254.5	217.0	183.4	157.2	134.7	112.3	93.6	78.6	63.6	44.9	29.9
-72.5°	224.5	190.9	164.7	145.9	127.2	108.5	89.8	74.8	59.9	41.2	26.2
-75°	190.9	168.4	149.7	131.0	116.0	101.0	86.1	67.4	52.4	37.4	26.2
-77.5°	160.9	145.9	131.0	119.8	104.8	89.8	74.8	59.9	48.6	33.7	22.5
-80°	138.5	127.2	116.0	104.8	93.6	78.6	67.4	52.4	41.2	29.9	18.7
-82.5°	112.3	104.8	93.6	86.1	78.6	67.4	56.1	44.9	29.9	22.5	15.0
-85°	86.1	78.6	74.8	67.4	59.9	48.6	37.4	29.9	22.5	15.0	7.5
-87.5°	44.9	41.2	37.4	33.7	29.9	22.5	18.7	15.0	11.2	7.5	3.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P722460

CATALOG NUMBER: IFLD-S-SA3D-735-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0
80°	3.7	0.0	0.0	0.0
77.5°	3.7	0.0	0.0	0.0
75°	3.7	3.7	0.0	0.0
72.5°	3.7	3.7	0.0	0.0
70°	3.7	3.7	0.0	0.0
67.5°	7.5	3.7	0.0	0.0
65°	7.5	3.7	0.0	0.0
62.5°	7.5	3.7	0.0	0.0
60°	7.5	3.7	0.0	0.0
57.5°	11.2	3.7	3.7	0.0
55°	11.2	3.7	3.7	0.0
52.5°	11.2	3.7	3.7	0.0
50°	11.2	7.5	3.7	0.0
47.5°	11.2	7.5	3.7	0.0
45°	11.2	7.5	3.7	0.0
42.5°	11.2	7.5	3.7	0.0
40°	15.0	7.5	3.7	0.0
37.5°	15.0	7.5	3.7	0.0
35°	15.0	7.5	3.7	0.0
32.5°	15.0	7.5	3.7	0.0
30°	15.0	7.5	3.7	0.0
27.5°	15.0	11.2	3.7	0.0
25°	15.0	11.2	3.7	0.0
22.5°	18.7	11.2	3.7	0.0
20°	18.7	11.2	3.7	0.0
17.5°	18.7	11.2	3.7	0.0
15°	18.7	11.2	3.7	0.0
12.5°	18.7	11.2	3.7	0.0
10°	18.7	11.2	3.7	0.0
7.5°	18.7	11.2	3.7	0.0
5°	18.7	11.2	3.7	0.0
2.5°	18.7	11.2	3.7	0.0
0°	18.7	11.2	3.7	0.0
-2.5°	18.7	11.2	3.7	0.0
-5°	18.7	11.2	3.7	0.0
-7.5°	18.7	11.2	3.7	0.0
-10°	18.7	11.2	3.7	0.0
-12.5°	22.5	11.2	3.7	0.0
-15°	22.5	11.2	3.7	0.0
-17.5°	22.5	11.2	3.7	0.0
-20°	22.5	11.2	3.7	0.0

REPORT NUMBER: P722460

CATALOG NUMBER: IFLD-S-SA3D-735-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	22.5	11.2	3.7	0.0
-25°	22.5	11.2	3.7	0.0
-27.5°	22.5	11.2	3.7	0.0
-30°	22.5	11.2	3.7	0.0
-32.5°	22.5	11.2	3.7	0.0
-35°	22.5	11.2	3.7	0.0
-37.5°	22.5	11.2	3.7	0.0
-40°	22.5	11.2	3.7	0.0
-42.5°	18.7	11.2	3.7	0.0
-45°	22.5	11.2	3.7	0.0
-47.5°	22.5	11.2	3.7	0.0
-50°	22.5	11.2	3.7	0.0
-52.5°	22.5	11.2	3.7	0.0
-55°	22.5	11.2	3.7	0.0
-57.5°	22.5	11.2	3.7	0.0
-60°	22.5	11.2	3.7	0.0
-62.5°	18.7	11.2	3.7	0.0
-65°	18.7	7.5	3.7	0.0
-67.5°	18.7	7.5	3.7	0.0
-70°	18.7	7.5	3.7	0.0
-72.5°	15.0	7.5	3.7	0.0
-75°	15.0	7.5	3.7	0.0
-77.5°	11.2	3.7	0.0	0.0
-80°	11.2	3.7	0.0	0.0
-82.5°	7.5	3.7	0.0	0.0
-85°	3.7	3.7	0.0	0.0
-87.5°	3.7	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)